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MANUFACTURE OF PLASTIC POLARIZING LENS

Patent Number: JP56013139
Publication date: 1981-02-09
Inventor(s): WAKAYOSHI YOSHINORI
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Requested Patent: JP56013139
Application Number: JP19790088924 19790712
Priority Number(s):
IPC Classification: B29D11/00
EC Classification:
Equivalents: JP1390354C, JP61056090B

Abstract

PURPOSE: To manufacture a plastic polarizing lens at high efficiency by introducing a molten plastic into a cavity, in which a spherically premolded polarizing lens element has been placed, to form a plastic base layer fused monolithically to an adhesive surface of the lens element.

CONSTITUTION: A male metal mold 12 is disposed away from a female metal mold 11. A polarizing lens element 6 is suspended from a pin 16 and fitted loosely in a circular recess 11a. The male mold 12 is then pressed against the female mold 11 to hold therebetween a support member 5 for the polarizing lens element 6. A plastic material is introduced under pressure from a gate 15 into a spherical cavity formed by the circular recess 11a and a circular projection 12a. A curved portion of the polarizing lens element 6 can be moved floatingly to a small extent in the cavity mentioned above. Accordingly, the cavity is filled with the plastic material in such a manner that an adhesive surface of a transparent layer, i. e. the lens element 6 is covered smoothly with the plastic material.

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PATENT ABSTRACTS OF JAPAN

(11) Publication number : 56-013139

(43) Date of publication of application : 09. 02. 1981

(51) Int. Cl.

B29D 11/00

// G02C 7/12

(21) Application number : 54-088924

(71) Applicant : WAKAYOSHI KOGAKU KOGYO KK

(22) Date of filing : 12. 07. 1979

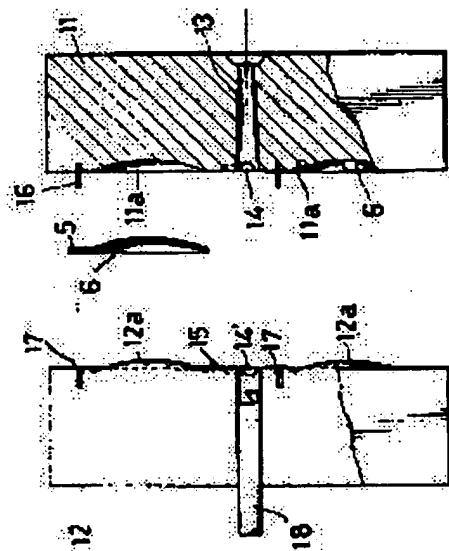
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[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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